

ORION

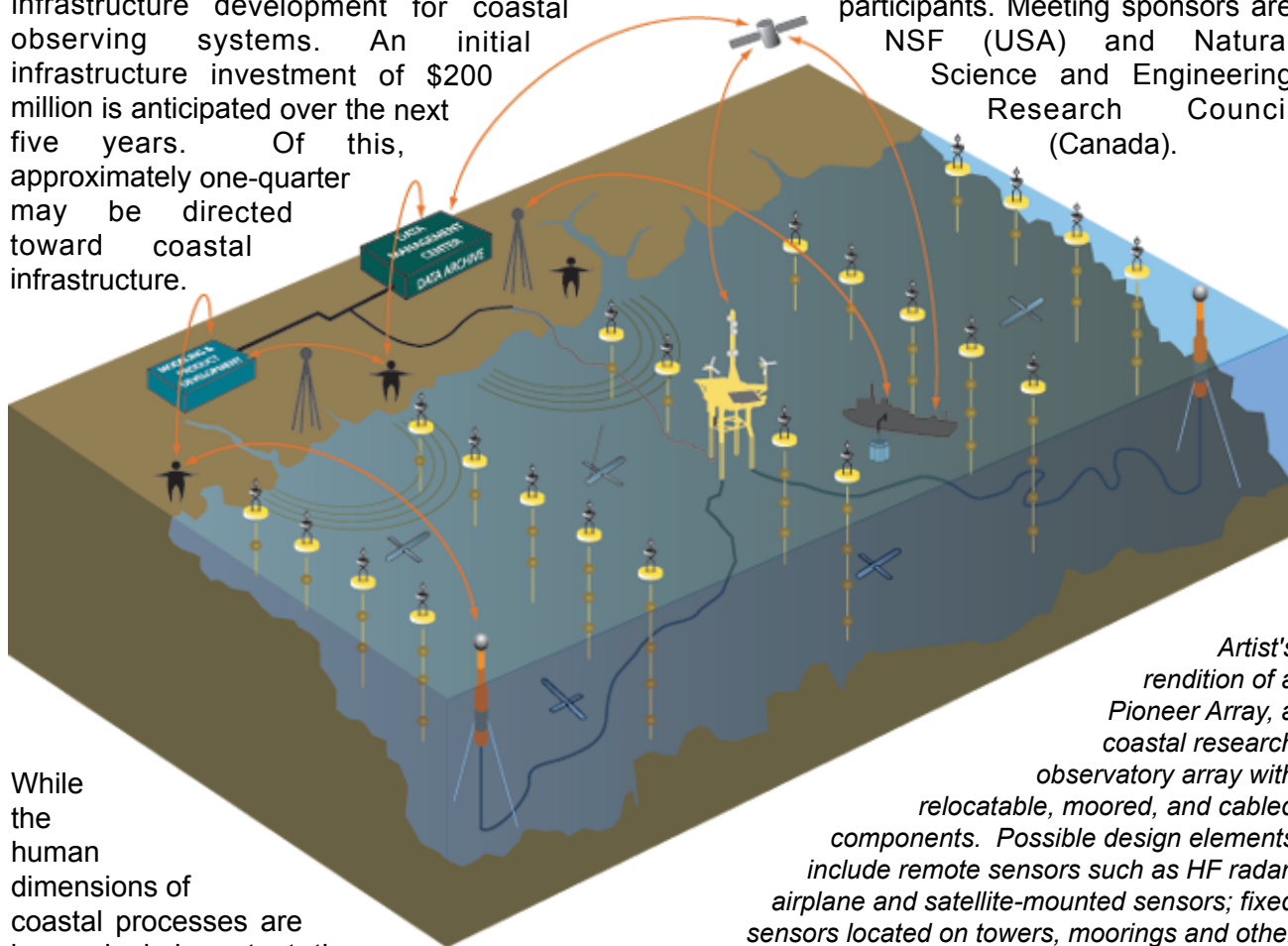
Ocean Research Interactive Observatory Networks

4-8 January 2004

San Juan, Puerto Rico

The NSF [Ocean Observatories Initiative](#) (OOI) will build coastal, regional and deep-ocean observatories. **Participation in the ORION workshop by members of the coastal oceanographic community is critical** for defining the direction and magnitude of infrastructure development for coastal observing systems. An initial infrastructure investment of \$200 million is anticipated over the next five years. Of this, approximately one-quarter may be directed toward coastal infrastructure.

Your attendance and participation in this workshop is important. For more information, visit the ORION workshop webpage (www.orionprogram.org). Registration deadline is October 1. Note that some travel funds will be available for eligible participants. Meeting sponsors are NSF (USA) and Natural Science and Engineering Research Council (Canada).



While the human dimensions of coastal processes are increasingly important, the quality of the basic science is forefront and coastal scientists must participate to articulate the continuing need for strategic coastal research. ORION will focus on applying emerging technological capabilities provided by the OOI infrastructure to meet the current convergence of basic research and societal needs.

Artist's rendition of a Pioneer Array, a coastal research observatory array with relocatable, moored, and cabled components. Possible design elements include remote sensors such as HF radar, airplane and satellite-mounted sensors; fixed sensors located on towers, moorings and other platforms; and mobile sensors including ship-based, glider and AUV-mounted sensors. Arrows indicate two-way communications among sensors, observatory scientists and operators, and other end-user populations.

useful websites for coastal research:
<http://www.coreocean.org/DEOS>
<http://www.skio.peachnet.edu/coop>
<http://www.ocean.us.net>